

## Bachelor of Science in Biochemistry (BIC)

*A Suggested Sequence of Required Courses (2018-2019 Catalog)*

### F r e s h m a n Y e a r

Fall	Spring
_____ 0 Chapel (CHA 1088)	_____ 0 Chapel (CHA 1088)
_____ 2 BIC 1212 Examined Life I	_____ 3 MTH 1321 Calculus I
_____ 3 BIC 1314 World Cultures I	_____ 3 BIC 1324 World Cultures II
_____ 4 BIC 1413 Rhetoric I	_____ 3 BIC 1323 Rhetoric II
_____ 4 BIO 1305/1105 Modern Concepts Bio	_____ 4 BIO 1306/1106 Modern Concepts Bio
_____ 4 <b>CHE 1301/1101 Chemistry I</b> (see reverse)	_____ 4 <b>CHE 1302/1102 Chemistry II</b> (see reverse)
Total: 17	Total: 17

### S o p h o m o r e Y e a r

Fall	Spring
_____ 3 BIC 2330 Social World I	_____ 3 BIC 2340 Social World II
_____ 3 BIC 2334 World Cultures III	_____ 3 BIC 2344 World Cultures IV
_____ 3 MTH 1322 Calculus II	_____ 4 1420 Physics I
_____ 4 <b>CHE 2416 Lab Measurements/Tech</b>	_____ 2 <b>CHE 3238 Organic Chemistry Lab</b>
_____ 3 <b>CHE 3331 Organic Chemistry I</b>	_____ 3 <b>CHE 3332 Organic Chemistry II</b>
Total: 16	Total: 15

### J u n i o r Y e a r

Fall	Spring
_____ 4 Foreign Language 1401 (see below/reverse)	_____ 4 Foreign Language 1402 (see below/reverse)
_____ 3 Elective (Variable depending on hours)	_____ 3 BIC 3358 Biblical Heritage/Ethics
_____ 1 Lifetime Fitness	_____ 1 Lifetime Fitness
_____ 4 1430 Physics II	_____ 3 Elective (Variable depending on hours)
_____ 1 <b>CHE 4141 BioChemistry Lab</b>	_____ 1 <b>CHE 4142 Biochemistry Lab II</b>
_____ 3 <b>CHE 4341 Biochemistry I</b>	_____ 3 <b>CHE 4342 Biochemistry II</b>
Total: 16	Total: 15

### S e n i o r Y e a r

Fall	Spring
_____ 3 <b>CHE 4327 Phys. Chem for Life Sci.</b>	_____ 0 <b>CHE 4001 Exit Examination</b>
_____ 1 <b>CHE 4151 Undergrad Seminar I</b>	_____ 2 <b>Advanced CHE</b> (4217 or 4237 recommended)
_____ 2 <b>CHE 4225 BioPhys. Chem. Lab</b>	_____ 3 <b>Advanced CHE</b> (4316 is recommended)
_____ 3 Foreign Language 2310	_____ 3 Foreign Language 2320
_____ 4 <b>Advanced BIO Elective (4306/4106 rec)</b>	_____ 4 <b>Advanced BIO Elective</b>
_____ 3 Elective (Variable depending on hours)	_____ 3 Elective (Variable depending on hours)
Total: 16	Total: 15

*All students must graduate with a minimum of 124 hours,  
36 of which must be at the 3000/4000 level.*

#### Notes about major requirements:

- CHE courses in the first two years must not be deferred.
- PHY 1430 must be completed by the end of the junior year.
- CHE 4327 and 4225 must be taken in the fall of junior year or senior year. Prerequisites are CHE 2416, 4341 or concurrent enrollment, MTH 1322 and PHY 1430.
- 4000-level CHE courses, except 4341, are only taught once per year, in the semesters indicated above.
- Check your degree audit often through Bearweb to ensure that you are making timely progress toward your degree.
- For more information, see the undergraduate catalog.